

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Mats Mats Bay

YEAR ENDING: December 31, 2005

CLASSIFICATION: Conditionally Approved

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area 10 times during the year using the systematic random sampling method. Mats Mats Bay was newly classified as a seasonal conditionally approved harvest area in 2005. The management plan requires the area to be closed to harvest from June through September. A marina closure zone evaluation was conducted in the area during 2005.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard. Station #10 is of concern due to elevated levels of bacteria.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for Conditionally approved classification and the area is correctly classified. The marine waters of Mats Mats Bay are on the 303D list for fecal coliform.

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MANAGEMENT PLAN EVALUATION – BRIEFLY DESCRIBE THE FOLLOWING COMPONENTS:

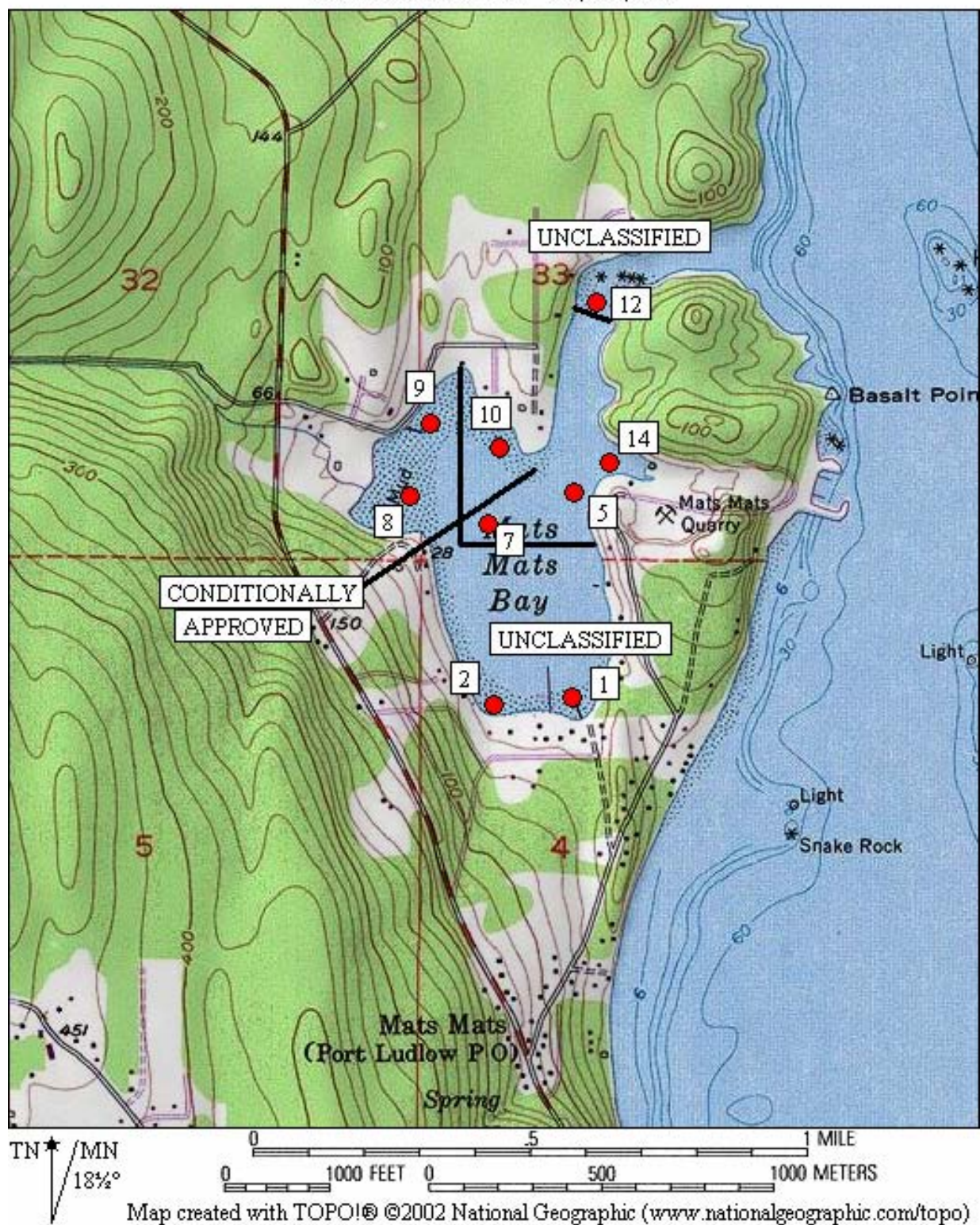
1. Have all parties involved complied with the conditions in the management planYes
2. Has reporting been adequate to manage the conditional areaYes
3. Does the area consistently meet approved area criteria when it is open for harvestYes
4. Has a field inspection of critical pollution sources been conducted.....Yes

TABLE 1Growing Area: **MATS MATS BAY**Classification: **Unclassified,Conditionally Approved**From **07/17/2003** To **12/31/2005****FECAL COLIFORM ORGANISMS/100 ML**

| Station Number | Classification | Number of Samples | Range | Geometric Mean | Est. 90th Percentile | Meets Std. |
|-----------------------|------------------------|--------------------------|--------------|-----------------------|-----------------------------|-------------------|
| 1 | Unclassified | 30 | 1.7 - 79.0 | 4.6 | 24.0 | Yes |
| 2 | Unclassified | 30 | 1.7 - 33.0 | 3.0 | 10.0 | Yes |
| 8 | Unclassified | 30 | 1.7 - 33.0 | 4.1 | 13.0 | Yes |
| 9 | Unclassified | 30 | 1.7 - 240.0 | 5.4 | 30.0 | Yes |
| 12 | Unclassified | 30 | 1.7 - 33.0 | 2.6 | 7.0 | Yes |
| 5 | Conditionally Approved | 30 | 1.7 - 49.0 | 3.9 | 14.0 | Yes |
| 7 | Conditionally Approved | 30 | 1.7 - 33.0 | 3.8 | 12.0 | Yes |
| 10 | Conditionally Approved | 30 | 1.7 - 170.0 | 5.4 | 28.0 | Yes |
| 14 | Conditionally Approved | 30 | 1.7 - 33.0 | 2.8 | 8.0 | Yes |

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.



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